

IN THE CLAIMS:

Please amend claims 1-19, and add new claim 20 and 21 as follows:

1. (Currently amended) A dynamic searching method of dynamically searching video contents, the method comprising the steps of:

[(a)] determining a normal replay section and a fast forward replay section with considering based on shot index information and a current replay location; and

[(b)] replaying the video contents from the current replay location at corresponding speeds according corresponding to the determined sections.

2. (Currently amended) The dynamic method of claim 1, wherein the step (b) replaying the video contents from the current replay location comprises the steps of:

(b-1) fast-forwarding the video contents from the current replay location at a speed as fast as the replay speed of corresponding to the fast forward replay section; and

(b-2) replaying the video contents at a normal speed as fast as the speed of corresponding to the normal replay section when a replay location of the video contents accords with a start location of the normal replay section is reached.

3. (Currently amended) The dynamic method of claim 1, wherein the normal replay section is determined using based on a start location and length information obtained from the shot index information.

4. (Currently amended) The dynamic method of claim 1, wherein, in the normal replay section, further comprising replaying audio contents as well as the video contents are replayed at a normal speed in the normal replay section.

5. (Currently amended) The dynamic method of claim 1, wherein the shot index information comprises section information in a stream for an individual shot that is a physical editing unit of the video contents.

6. (Currently amended) The dynamic method of claim 1, wherein the further comprising switching a replay mode is switched from [[the]] a normal replay to [[the]] a fast forward replay in any one case selected from the group consisting of a case that a user clearly requests response to:

a user request for the fast forward replay during the normal replay in a dynamic search mode, a case that the user requests;

a user request for a dynamic search function during the normal replay, and a case that; or

completion of replaying a predetermined amount of the video contents has been completely replayed at a normal speed in [[a]] the dynamic search mode.

7. (Currently amended) The dynamic method of claim 1, wherein the further comprising automatically switching a replay mode is automatically switched from [[the]] a normal replay into the to a fast forward replay after a predetermined amount of the video contents has been replayed at a normal speed during a dynamic search, and the predetermined amount of the video contents to be replayed at the normal speed corresponds to an entire selected shot.

8. (Currently amended) The dynamic method of claim 1, wherein the further comprising automatically switching a replay mode is automatically switched from [[the]] a normal replay into the to a fast forward replay after a predetermined amount of the video contents has been replayed at a normal speed during a dynamic search, and the predetermined amount of the video contents to be replayed at the normal speed is an amount designated in a first half of a selected shot regardless of a shot length.

9. (Currently amended) The dynamic method of claim 1, wherein the further comprising switching a replay mode is switched from [[the]] a fast forward replay to [[the]] a normal replay in any one case selected from the group consisting of a case that a user clearly requests response to a user request for the normal replay during the fast forward replay in a dynamic search mode, a case that or when a replay location of the video contents reaches a start location of a shot whose in which the normal replay

section is long during the fast forward replay [[for]] in the dynamic search mode.

10. (Currently amended) The dynamic method of claim 1, wherein the further comprising automatically switching a replay mode is automatically switched from [[the]] a fast forward into the replay to a normal replay during the fast forward replay for a dynamic search, [[a]] and wherein the current replay location of the video contents is a start location of the normal replay, and a shot to begin to be replayed at a normal speed is selected as a shot whose with a length [[is]] larger than a predetermined threshold, wherein the length being is calculated based on shot section information (start location and end location) in the shot index information, the shot section information comprising a start location and an end location.

11. (Currently amended) The dynamic method of claim 1, wherein the further comprising automatically switching a replay mode is automatically switched from [[the]] a fast forward into the replay to a normal replay during the fast forward replay for a dynamic search, [[a]] and wherein the current replay location of the video contents is a start location of the normal replay, and a shot to begin to be replayed at a normal speed is selected as a shot whose of which a division result is larger than a predetermined threshold, wherein the division result being is obtained by dividing a length calculated based on shot section information (start location and end location) in the shot index information by an average of lengths of surrounding shots, the shot section information comprising a start location and an end location.

12. (Currently amended) The dynamic method of claim 1, wherein, when the video contents are fast forwarded for more than a predetermined period defined in the dynamic search, replaying the video contents is automatically begin to be replayed initiated at a normal speed during the fast forward replay when the video contents have been fast-forwarded for more than a predetermined period defined in a dynamic search.

13. (Currently amended) A dynamic searching method of dynamically searching video contents, the method comprising the steps of:

~~(a) when a dynamic search is requested during a video browsing, determining a normal replay section with considering based on shot index information and a current replay location of the video contents when a dynamic search is requested during a video browsing;~~

~~[[[b]]] fast-forwarding the video contents at a high speed from the current replay location to a start location of the normal replay section;~~

~~[[[c]]] replaying the video contents at a normal speed as fast as the speed of in the normal replay section when a replay location of the video contents is [[a]] the start location of the normal replay section; and~~

~~(d) when the replay of the video contents on the normal replay section is completed, repeatedly performing the steps (a) to (c) repeating determining, fast-forwarding, and replaying when replaying the video contents in the normal replay section is completed.~~

14. (Currently amended) The dynamic method of claim 13, wherein further comprising replaying audio contents as well as the video contents are replayed at [[a]] the normal speed in the normal replay section.

15. (Currently amended) The dynamic method of claim 13, wherein the shot index information comprises section information in a stream for an individual shot that is a physical editing unit of the video contents.

16. (Currently amended) The dynamic method of claim 13, wherein the further comprising switching a replay mode is switched from [[the]] a normal replay to [[the]] a fast forward replay in any one case selected from the group consisting of a case that a user clearly requests response to:

a user request for the fast forward replay during the normal replay in a dynamic search mode, a case that the user requests;

a request for a dynamic search function during the normal replay, and a case that; or

completion of replaying a predetermined amount of the video contents has been

~~completely replayed at [[a]] the normal speed in [[a]] the dynamic search.~~

17. (Currently amended) The ~~dynamic~~ method of claim 13, wherein the further comprising switching a replay mode is switched from [[the]] a fast forward replay to [[the]] a normal replay in any one case selected from the group consisting of a case that a user clearly requests response to a user request for the normal replay during the fast forward replay in a dynamic search mode, a case that or when a replay location of the video contents reaches a start location of a shot whose in which the normal replay section is long during the fast forward replay for the dynamic search.

18. (Currently amended) A ~~dynamic searching An apparatus [[of]] comprising a function of dynamically searching~~ apparatus comprising:

a media storage unit for storing the video contents;
an index storage for storing shot index information [[on]] of the video contents;
an index generator for generating the shot index information of the video contents;
a controller for determining a normal replay section and a fast forward replay section by using based on the shot index information, and controlling to replay replaying the video contents according to the determined sections; and
an output unit for outputting the replayed video contents at speeds corresponding to the determined sections.

19. (Currently amended) The ~~dynamic~~ apparatus of claim 18, wherein the controller comprises:

a command interpreter for generating commands for replaying control controlling replay, recording control, nonlinear video browsing control and indexing control to provide functions of record recording, index generation, replay and dynamic search;
a record controller for controlling to store storing the video contents in the media storage unit;
a replay controller for outputting the video contents to the output unit, controlling to replay the replaying contents of an entire video contents, and providing a nonlinear

video browsing function and fast-forward/fast-rewind functions; and

an index manager for delivering storage information on the video contents to the replay controller to provide the fast-forward/fast-rewind functions, and providing the shot index information to the ~~nonlinear video browsing~~ replay controller.

20. (New) The method of claim 1, wherein the video contents are replayed at a normal speed in the normal replay section and at a high speed in the fast forward replay section.

21. (New) The apparatus of claim 18, wherein the video contents are replayed at a normal speed in the normal replay section and at a high speed in the fast forward replay section.